

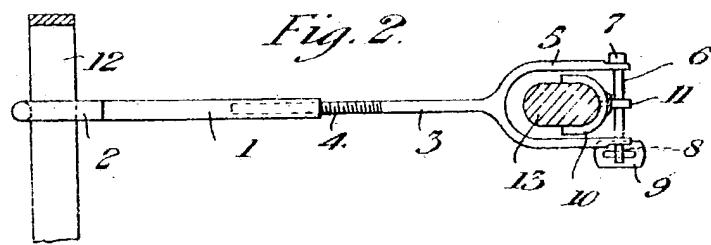
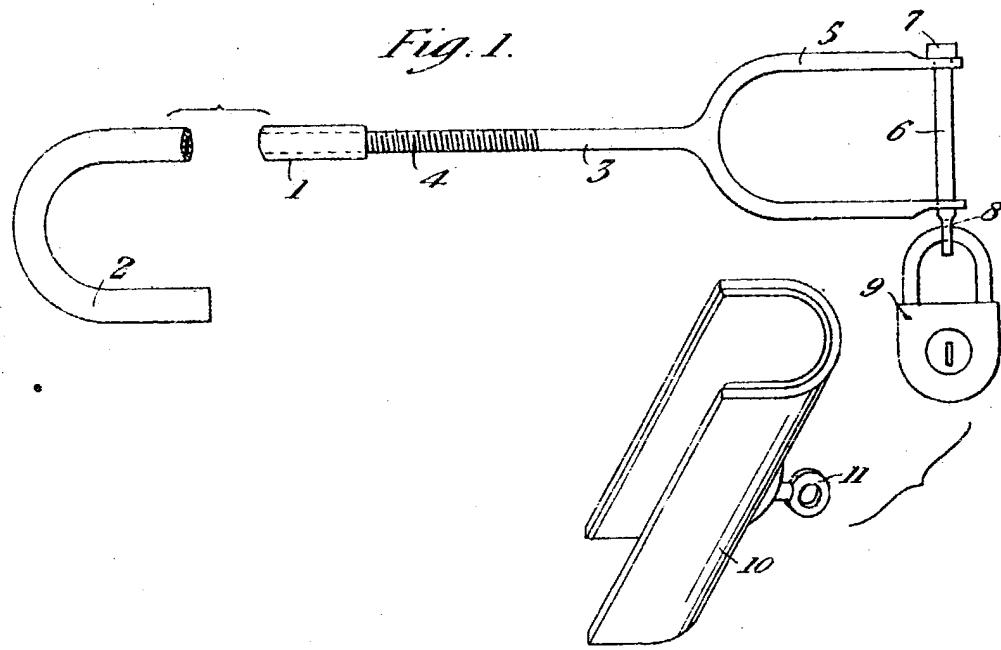
144,159

70. LOCKS,

227

144,159. HARRIS' COMPLETE SPECIFICATION.

(1 SHEET)



70. Locks & Latches
Locks-
80. Bicycle.

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144,159

PATENT



SPECIFICATION

Application Date, Sept. 12, 1919. No. 22,448/19.

Complete Left, Oct. 6, 1919.

Complete Accepted, June 10, 1920.

PROVISIONAL SPECIFICATION.

An Adjustable Safety Locking Bar for Motor or other Vehicles.

I, MARK WILLIAM HARRIS, "Rushmere", 17, Holmdene Avenue, Herne Hill, S.E. 24, Builder, do hereby declare the nature of this invention to be as follows:—

5 To effectively secure, when not in use a motor car, or vehicle, of any description; by means of a wrought iron or steel adjustable rod, with turned end to clip spring, or wrought iron part to body of car, and forked part to wheel locked on outer side to prevent wheel from being removed from car.

Dated this 12th day of September, 1919.

MARK WILLIAM HARRIS.

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COMPLETE SPECIFICATION.

An Adjustable Safety Locking Bar for Motor or other Vehicles.

I, MARK WILLIAM HARRIS, of "Rushmere", 17, Holmdene Avenue, Herne Hill, London, S.E. 24, Builder, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described 15 and ascertained in and by the following statement:—

This invention relates to an improved locking device for preventing theft or unauthorised use of vehicles, cycles and the like, the device also being applicable for preventing the accidental running away of perambulators and the like when left unattended.

20 According to the invention the device comprises a metal tube having a hook at one end and a metal rod adapted to be screwed into the other end of said tube. The free end of the rod is formed with a fork adapted to pass round one of the spokes of the vehicle wheel, the ends of the prongs of the fork having holes therein for the reception of a locking pin, said pin having a head 25 at one end and a hole at the other for the reception of a suitable lock, such as a padlock.

To prevent damage to the wheel spoke a guard may be provided consisting of a curved metal member lined with felt, for example, and adapted to fit

[Price 1/-]

over a portion of one of the spokes and carrying a pivoted eye or like part on its outer sides through which the locking pin of the device may be passed as hereinafter described.

When it is desired to secure a vehicle, the hooked end of the tube is passed over one of the springs or other suitable part of the vehicle adjacent a wheel 5 and the rod is adjusted in the tube until its forked end passes around one of the adjacent wheel spokes. The locking pin is then passed through the holes in the prongs outside the spoke and is secured by a padlock applied to the hole in the end of said pin.

If the spoke guard is used it is applied to the outside of the spoke so that its pivoted eye is in line with and between the holes in the prongs of the fork and the locking pin is then passed through the said holes and the eye and secured by its padlock. 10

To enable the invention to be fully understood it will now be described by reference to the accompanying drawing in which:—

Fig. 1 is a view shewing a device constructed according to the invention including a spoke guard. 15

Fig. 2 is a view drawn to a smaller scale and shewing the device in use locking a wheel spoke to a portion of a vehicle frame or body.

As shewn, the device comprises a tube 1 having a hooked end 2 and a rod 3 20 screw threaded at 4 so that it is adjustable in the tube. The free end of the rod is provided with a fork 5 having holes in the ends of its two prongs for the reception of a locking pin 6, said pin having a head 7 at one end and a hole 8 at the other for securing the padlock 9.

The spoke guard consists of a curved metal member 10, suitably lined with 25 felt, for example, and having a pivoted eye 11 on the outside thereof.

In Fig. 2 the frame or body portion of the vehicle is indicated at 12 and a section of one of the wheel spokes adjacent thereto at 13.

The device is applied to secure a vehicle as shewn in Fig. 2, that is to say, the hooked end 2 is slipped over the vehicle spring, for example, and the rod 3 is adjusted in the tube 1 until the prongs of the fork 5 project one on each side of the spoke 13. The guard 10 is then placed in position on the outside of the spoke so that the eye 11 is in line with and between the holes in the prongs of the fork. The locking pin 6 is then passed through the said holes and the eye 11 and the hasp of the padlock 9 is passed through the hole 8 30 in the projecting end of the locking pin. The wheel is thus securely locked to the frame of the vehicle and the device cannot be removed without considerable time being spent in cutting through some portion of it or filing off the lock, for example. The whole of the device is preferably made of hard steel to render such cutting operations difficult. 35

The movement of the rod 3 in the tube 1 allows the device to be adjusted to suit any desired vehicle.

It will be understood that the various portions of the device may be made of any desired size, thickness or strength according to requirements, and that various types of locks may be used for securing the locking pin 6.

The application of such a device for preventing the accidental running away of perambulators and the like will be readily understood and it will also be obvious that the device may be readily applied to cycles. 45

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that 50 what I claim is:—

1. A locking device for the purposes described, comprising a metal tube having a hook at one end and a metal rod adjustably mounted in said tube, the free end of the rod having a fork with holes in its prongs, the hook being adapted to be slipped over a suitable part of the vehicle so that the prongs 55 of the fork project around a spoke on one of the adjacent wheels of the vehicle;

the fork then being secured to said spoke by means of a headed locking pin passed through the holes in said prongs, the plain end of said pin projecting beyond the fork and having a hole therein to receive the hasp or other portion of a suitable lock, substantially as described.

5 2. A locking device according to Claim 1 in which a guard is provided fitting over the outside of the wheel spoke and having a pivoted eye on the outside thereof through which the locking pin is passed in securing the device, substantially as described.

10 3. A locking device for the purposes described, consisting of the parts constructed, arranged and operating substantially as hereinbefore described and illustrated in the accompanying drawing.

Dated this 6th day of October, 1919.

ABEL & IMRAY,
30, Southampton Buildings, London, W.C. 2,
Agents for the Applicant.

Redhill: Printed for His Majesty's Stationery Office, by Love & Malcomson, Ltd.—1920.